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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of the claims in the application:

LISTING OF THE CLAIMS:

Claims 1-4. (canceled).

Claim 5. (currently amended) A recombinant RNA plant virus comprising a nucleotide sequence encoding bovine lysozyme, and said virus is capable of replicating in and systemically infecting a plant by itself without another virus while expressing a biologically active lysozyme protein in a whole plant.

Claim 6. (previously presented) The plant virus of claim 5 wherein the nucleotide sequence encodes bovine lysozyme having the amino acid sequence of SEQ ID NO:2.

Claim 7. (currently amended) An RNA molecule comprising:

- (a) a first viral subgenomic promoter;
- (b) a second viral subgenomic promoter; and
- (c) a lysozyme coding sequence under control of either the first or the second subgenomic promoter

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wherein said RNA molecule is capable of transiently infecting a plant cell and systemically infecting the plant by itself without another virus while expressing biologically active lysozyme protein in the whole plant.

Claim 8. (previously presented) The RNA molecule of claim 33 wherein the coding sequence encodes the amino acid sequence of SEQ ID NO:2.

Claim 9. (currently amended) A recombinant tobamovirus comprising a nucleotide sequence encoding bovine lysozyme, and said recombinant tobamovirus is capable of replicating in and systemically infecting a plant by itself without another virus while expressing an a biologically active lysozyme protein in a whole plant.

Claim 10. (previously presented) The tobamovirus of claim 9 wherein the lysozyme has the amino acid sequence of SEQ ID NO:2.

Claims 11-32. (canceled).

Claims 33. (previously presented) The RNA molecule of claim 7 or the recombinant tobamovirus of claim 9 wherein said lysozyme is bovine lysozyme.

Claims 34-39 (canceled)

Claim 40. (new) The recombinant RNA plant virus of claim 5, which is capable of transiently infecting and replicating in the cytoplasm of the plant cell.

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Claim 41. (new) The RNA molecule of claim 7, which is capable of transiently infecting and replicating in the cytoplasm of the plant cell.

Claim 42. (new) The recombinant tobamovirus of claim 9, which is capable of transiently infecting and replicating in the cytoplasm of the plant cell.